

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1.-14. (Canceled)

15. (Currently Amended) A hybrid fuel cell system, comprising:

a fuel cell;

an electric power storage device;

a load portion which consumes electric power; and

a control portion which controls an amount of electric power consumed by the load portion based on a difference between a supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and an actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device,

wherein the control portion changes the amount of electric power consumed by the load portion to increase or decrease consumption to remove imbalance between charge and discharge of the electric power storage device in the system by reducing the difference between the supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device.

16. (Previously Presented) The hybrid fuel cell system according to claim 15, wherein the control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device based on at least a supply electric power set value indicating an amount of electric power which needs

to be supplied from the fuel cell and a consumption electric power set value indicating an amount of electric power which needs to be consumed by the load portion.

17. (Previously Presented) The hybrid fuel cell system according to claim 16, wherein the load portion includes a system accessory, and the control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device, using the consumption electric power set value including an amount of electric power consumed by the system accessory.

18. (Previously Presented) The hybrid fuel cell system according to claim 15, wherein the load portion includes a drive motor, and the control portion controls an amount of electric power consumed by the drive motor based on the difference between the supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device.

19. (Currently Amended) A hybrid fuel cell system, comprising:

- a fuel cell;
- an electric power storage device;
- a load portion which consumes electric power;
- a control portion which controls an amount of electric power consumed by the load portion based on a difference between a supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and an actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device; and
- a filter which removes a noise component contained in the difference between the supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value

indicating an amount of electric power which is actually supplied from the electric power storage device and which outputs the difference with the noise component removed to the control portion,

wherein the control portion changes the amount of electric power consumed by the load portion to increase or decrease consumption to remove imbalance between charge and discharge of the electric power storage device in the system by reducing the difference with the noise component removed.

20. (Previously Presented) The hybrid fuel cell system according to claim 19, wherein the control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device based on at least a supply electric power set value indicating an amount of electric power which needs to be supplied from the fuel cell and a consumption electric power set value indicating an amount of electric power which needs to be consumed by the load portion.

21. (Previously Presented) The hybrid fuel cell system according to claim 20, wherein the load portion includes a system accessory, and the control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device, using the consumption electric power set value including an amount of electric power consumed by the system accessory.

22. (Previously Presented) The hybrid fuel cell system according to claim 19, wherein the load portion includes a drive motor, and the control portion controls an amount of electric power consumed by the drive motor based on the difference between the supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device.

23. (Currently Amended) A hybrid fuel cell system, comprising:

a fuel cell;

an electric power storage device;

a load portion which consumes electric power;

a first control portion for obtaining a supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device, based on a supply electric power set value indicating an amount of electric power which needs to be supplied from the fuel cell and a consumption electric power set value indicating an amount of electric power which needs to be consumed by the load portion;

a difference obtaining portion for obtaining a difference between the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device and an actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device;

a second control portion for controlling the amount of electric power consumed by the load portion based on the difference; and

a computing portion for changing the amount of electric power consumed by the load portion to increase or decrease consumption to remove imbalance between charge and discharge of the electric power storage device in the system by reducing the difference between the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device.

24. (Previously Presented) The hybrid fuel cell system according to claim 23, wherein the first control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device, based on at least the supply electric power set value indicating the amount of electric power

which needs to be supplied from the fuel cell and the consumption electric power set value indicating the amount of electric power which needs to be consumed by the load portion.

25. (Previously Presented) The hybrid fuel cell system according to claim 24, wherein the load portion includes a system accessory, and the first control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device, using the consumption electric power set value including an amount of electric power consumed by the system accessory.

26. (Previously Presented) The hybrid fuel cell system according to claim 23, wherein the load portion includes a drive motor, and the second control portion controls an amount of electric power consumed by the drive motor based on the difference between the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device.

27. (Currently Amended) A hybrid fuel cell system, comprising:

- a fuel cell;
- an electric power storage device;
- a load portion which consumes electric power, the load portion including a system accessory device other than a main drive motor;
- a control portion which controls an amount of electric power consumed by the load portion based on a difference between a supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and an actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device;

a filter which removes a noise component contained in the difference between the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device, and which outputs the difference with the noise component removed to the control portion; and

computing portion for changing the amount of electric power consumed by the system accessory device of the load portion to remove imbalance between charge and discharge of the electric power storage device in the system by reducing the difference with the noise component removed.

28. (Previously Presented) The hybrid fuel cell system according to claim 27, wherein the control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device, based on at least the supply electric power set value indicating the amount of electric power which needs to be supplied from the fuel cell and the consumption electric power set value indicating the amount of electric power which needs to be consumed by the load portion.

29. (Previously Presented) The hybrid fuel cell system according to claim 28, wherein the load portion includes a system accessory, and the control portion obtains the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device, using the consumption electric power set value including an amount of electric power consumed by the system accessory.

30. (Previously Presented) The hybrid fuel cell system according to claim 27, wherein the load portion includes a drive motor, and the control portion controls an amount of electric power consumed by the drive motor based on the difference between the supply electric power set value indicating the amount of electric power which needs to be supplied

from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device.

31. (Currently Amended) A hybrid fuel cell system, comprising:

a fuel cell;

an electric power storage device;

a load portion which consumes electric power, the load portion including a system accessory device other than a main drive motor;

first control means for obtaining a supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device, based on a supply electric power set value indicating an amount of electric power which needs to be supplied from the fuel cell and a consumption electric power set value indicating an amount of electric power which needs to be consumed by the load portion;

difference obtaining means for obtaining a difference between the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device and an actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device;

second control means for controlling the amount of electric power consumed by the load portion based on the difference; and

computing means for changing the amount of electric power consumed by the system accessory device of the load portion to remove imbalance between charge and discharge of the electric power storage device in the system by reducing the difference between the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device.

32. (Currently Amended) A hybrid fuel cell system, comprising:

a fuel cell;

an electric power storage device;

a load portion which consumes electric power, the load portion including a system accessory device other than a main drive motor;

a control portion which controls an amount of electric power consumed by the load portion based on a difference between a supply electric power set value indicating an amount of electric power which needs to be supplied from the electric power storage device and an actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device;

a filter which removes a noise component contained in the difference between the supply electric power set value indicating the amount of electric power which needs to be supplied from the electric power storage device and the actual supply electric power value indicating an amount of electric power which is actually supplied from the electric power storage device, and which outputs the difference with the noise component removed to the control portion; and

computing means for changing the amount of electric power consumed by the system accessory device of the load portion to remove imbalance between charge and discharge of the electric power storage device in the system by reducing the difference with the noise component removed.